

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently amended) A facsimile apparatus comprising:
 - a) a modem for modulating the data to be transmitted through a communication line and demodulating the received data;
 - b) a scanner for reading an ~~[[the]]~~ original image;
 - c) a memory card input and output unit for writing data into a memory card and reading data out of the memory card, the memory card being loaded in said memory card input and output unit;
 - d) a first converting means for converting ~~[[the]]~~ data of YCbCr format being read out from the memory card into data of RGB format; and
 - e) a second converting means for converting ~~[[the]]~~ data of RGB format being read out by the scanner and ~~[[the]]~~ data of RGB format being converted by said first converting means into image data of L*a*b* format used in the ~~[[color]]~~ facsimile apparatus.
2. (Currently amended) A facsimile apparatus comprising:
 - a) a modem for modulating a ~~[[the]]~~ data to be transmitted through a communication line and demodulating a ~~[[the]]~~ received data;
 - b) a scanner for reading an ~~[[the]]~~ original image;
 - c) a memory card input and output unit for writing data into a memory card and reading data out of the memory card, the memory card being loaded in said memory card input and output unit;

d) a data conversion management means for judging a [[the]] type of image data receivable in a destination side facsimile apparatus, the type of receivable image data being either color image or monochromatic image;

e) a first converting means for converting [[the]] data of YCbCr format being read out from the memory card into data of RGB format;

f) a second converting means for converting [[the]] data of RGB format being read out by the scanner and [[the]] data of RGB format being converted by said first converting means into data of L*a*b* format used in the [[color]] facsimile apparatus; and

g) a monochromatic format converting means for converting [[the]] data of L*a*b* format into data of monochromatic format,

wherein if the type of receivable image data is color image, the facsimile apparatus transmits data of L*a*b* format to the destination side facsimile apparatus, and if the type of receivable image data is monochromatic image, the facsimile apparatus transmits data of monochromatic format to the destination side facsimile apparatus.

3. (Currently amended) A facsimile apparatus comprising:

a) a modem for modulating a [[the]] data to be transmitted through a communication line and demodulating a [[the]] received data;

b) a memory card input and output unit for writing data into a memory card and reading data out of the memory card, the memory card being loaded in said memory card input and output unit;

c) a data conversion management means for judging a [[the]] type of image data receivable in a destination side facsimile apparatus; and

d) a data format converting means for converting a the color image data ~~once~~ into a the data format for color facsimile transmission and reception and then converting the converted color image data into a the data format for monochromatic facsimile transmission if the ~~type of~~ image data receivable at the destination side is monochromatic image data.

4. (Original) The facsimile apparatus of claim 3, wherein said data format converting means comprises:

1) first converting means for converting the data of YCbCr format being read out from the memory card into data of RGB format;

2) second converting means for converting the data of RGB format being converted by the first converting means into data of $L^*a^*b^*$ format; and

3) monochromatic format converting means for converting the data of $L^*a^*b^*$ format being converted by the second converting means into data of monochromatic MH format.

5. (Original) The facsimile apparatus of claim 2,
wherein said monochromatic format converting means includes L^* component extractor and MH converting means, and said L^* component extractor extracts L^* component and converts into binary data by performing gamma correction, and said MH converting means converts the binary data into MH format data.

6. (Original) The facsimile apparatus of claim 4,
wherein said monochromatic format converting means includes L^* component extractor and MH converting means, and said L^* component extractor extracts L^* component and converts into binary data by performing gamma correction, and said MH converting means converts the binary data into MH format data.

7. (Original) A facsimile apparatus comprising:

a) a modem for modulating the data to be transmitted through a communication line and demodulating the received data;

b) a memory card input and output unit for writing data into a memory card and reading data out of the memory card, the memory card being loaded in said memory card input and output unit;

c) a data storage unit for storing data being transmitted or received;

d) data conversion management means for judging the type of image data receivable in a destination side facsimile apparatus; and

e) data format converting means for converting the format of image data being transmitted or received,

wherein said data format converting means encodes the color image data into $L^*a^*b^*$ format for color facsimile transmission and reception, and further issues by converting into the MH data format by the monochromatic format converting means, if the type of image data judged by the data conversion management means at the time of transmission is monochromatic image data,

issues the received MH format data as it is, or issues by converting into data of specified format, if the type of image data judged by the data conversion management means at the time of reception is monochromatic image data, or

converts the received data into data of RGB format, and further issues by converting the data of RGB format into data of YCbCr format, if the type of image data judged by the data conversion management means at the time of reception is color image data.

8. (Original) The facsimile apparatus of claim 7, further comprising a scanner for reading the original image, wherein said data format converting means includes:

1) first converting means for converting from YCbCr format into data of RGB format;
2) second converting means for converting from RGB format into data of $L^*a^*b^*$ format;
3) monochromatic format converting means for converting from $L^*a^*b^*$ format into data of monochromatic MH format;

4) third converting means for converting from $L^*a^*b^*$ format into data of RGB format;
5) fourth converting means for converting from RGB format into data of YCbCr format;
and

6) monochromatic compression format converting means for issuing the received MH format data without conversion, or converting into specified format and issuing in converted data format.

9. (Original) The facsimile apparatus of claim 7, wherein said monochromatic format converting means comprises L^* component extractor and MH converting means, and, when obtaining a monochromatic format, the L^* component extractor extracts L^* component and converts into binary data by performing gamma correction, and the MH converting means converts the binary data into MH format data.

10. (Original) The facsimile apparatus of claim 8, wherein said monochromatic format converting means comprises L^* component extractor and MH converting means, and, when obtaining a monochromatic format, the L^* component extractor extracts L^* component and converts into binary data by performing gamma correction, and the MH converting means converts the binary data into MH format data.

11. (Original) The facsimile apparatus of claim 7, wherein the content of the memory card loaded in the memory card input and output unit is transferred to the data storage unit, and converted in the format converting means and transmitted.

12. (Original) The facsimile apparatus of claim 8, wherein the content of the memory card loaded in the memory card input and output unit is transferred to the data storage unit, and converted in the format converting means and transmitted.

13. (Original) The facsimile apparatus of claim 7, wherein the data to be transmitted after conversion in the format converting means is stored in the data storage unit.

14. (Original) The facsimile apparatus of claim 8, wherein the data to be transmitted after conversion in the format converting means is stored in the data storage unit.

15. (Previously presented) The facsimile apparatus of claim 1, wherein the memory card is a memory card with copyright protection function.

16. (New) A facsimile apparatus comprising:
a modulator for modulating a data to be transmitted through a communication line;
a scanner for reading an original image;
a recording medium input and output unit for writing data into a recording medium and reading data out of the recording medium, the recording medium being loaded in said recording medium input and output unit;
a first converter that converts color image data of a first format being read out from the recording medium into color image data of a second format; and
a second converter that converts color image data of the second format into color image data of a third format.

17. (New) A facsimile apparatus comprising:
a modulator for modulating a data to be transmitted through a communication line;
a scanner for reading an original image;

a recording medium input and output unit for writing data into a recording medium and reading data out of the recording medium, the recording medium being loaded in said recording medium input and output unit;

a data conversion management unit that determines whether a destination side facsimile apparatus is capable of receiving only color image or only monochromatic image;

a first converter that converts color image data of a first format being read out from the recording medium into color image data of a second format;

a second converter that converts color image data of the second format into color image data of a third format;

a monochromatic format converter that converts color image data of the third format into data of a monochromatic format,

wherein if the data conversion management unit determines that the destination side facsimile apparatus is capable of receiving only color image, the facsimile apparatus transmits color image data of the third format to the destination side facsimile apparatus, and

if the data conversion management unit determines that the destination side facsimile apparatus is capable of receiving only monochromatic image, the facsimile apparatus transmits data of the monochromatic format to the destination side facsimile apparatus.

18. (New) A facsimile apparatus comprising:

a modulator for modulating a data to be transmitted through a communication line;

a recording medium input and output unit for writing data into a recording medium and reading data out of the recording medium, the recording medium being loaded in said recording medium input and output unit;

a data conversion management unit that determines whether a destination side facsimile apparatus is capable of receiving only color image or only monochromatic image; and

a data format converter that converts the color image data stored in the recording medium into a data format for color facsimile transmission, and converts a data format for color facsimile transmission into a data format for monochromatic facsimile transmission if the destination side facsimile apparatus is capable of receiving only monochromatic image data.

19. (New) A method of transmitting color image data in a facsimile apparatus comprising the steps of:

loading color image data of a first format from a recording medium;

converting the color image data of the first format into color image data of a second format;

converting the color image data of the second format into color image data of a third format; and

transmitting the color image of the third format via a communication line.

20. (New) A method of transmitting color image data in a facsimile apparatus comprising the steps of:

loading color image data of a first format from a recording medium;

converting the color image data of the first format into color image data of a second format;

converting the color image data of the second format into color image data of a third format;

converting the color image data of the third format into monochromatic image data; and
transmitting the monochromatic image data via a communication line.

21. (New) A method of transmitting color image data in a facsimile apparatus comprising the steps of:

determining whether a destination side facsimile apparatus is capable of receiving only color image data or only monochromatic image data;

loading color image data of a first format from a recording medium;

converting the color image data of the first format into color image data of a second format;

converting the color image data of the second format into color image data of a third format;

converting the color image data of the third format into monochromatic image data if the destination side facsimile apparatus can receive only monochromatic data according to the step of determination; and

transmitting the monochromatic image data or the color image data of the third format via a communication line in response to the step of determination.

22. (New) The facsimile apparatus of claim 16, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

23. (New) The facsimile apparatus of claim 17, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

24. (New) The facsimile apparatus of claim 18, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

25. (New) The method of claim 19, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

26. (New) The method of claim 20, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

27. (New) The method of claim 21, wherein the first format is YCbCr, the second format is RGB and the third format is $L^*a^*b^*$.

28. (New) The facsimile apparatus of claim 16, wherein the recording medium is a memory card.

29. (New) The facsimile apparatus of claim 17, wherein the recording medium is a memory card.

30. (New) The facsimile apparatus of claim 18, wherein the recording medium is a memory card.

31. (New) The method of claim 19, wherein the recording medium is a memory card.

32. (New) The method of claim 20, wherein the recording medium is a memory card.

33. (New) The method of claim 21, wherein the recording medium is a memory card.